

12/28/01

J1040 U.S. PTO

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01-09-02

PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**NEW UTILITY
PATENT APPLICATION
TRANSMITTAL**

(only for new nonprovisional applications under

37 CFR 1.53(b))

Attorney Docket Number 21192-06625

First Named Inventor Tommy K. Eng

Title CREATING OPTIMIZED PHYSICAL
IMPLEMENTATIONS FROM HIGH-LEVEL
DESCRIPTIONS OF ELECTRONIC DESIGN
USING PLACEMENT-BASED INFORMATION

Express Mail Label No. EL734639304US

APPLICATION ELEMENTS

1. ☒ Fee Transmittal Form (in duplicate)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27
3. ☒ Specification Total Pages **46**
(preferred arrangement set forth below)
 - ☐ Descriptive Title of the Invention
 - ☐ Cross Reference(s) to Related Case(s)
 - ☐ Statement Regarding Fed sponsored R & D
 - ☐ Background of the Invention
 - ☐ Brief Summary of the Invention
 - ☐ Brief Description of the Drawing(s)
 - ☐ Detailed Description
 - ☐ Claim or Claims
 - ☐ Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets **14**
5. Oath or Declaration
 - a. ☐ New Declaration Total Pages **2**
☐ Executed (original or copy)
 - b. ☒ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ Certified Copy of Priority Document(s) (if foreign priority
is claimed)
9. ☐ Power of Attorney or Authorization of Agent
10. ☐ 37 CFR 3.73(b) Statement
11. ☐ Preliminary Amendment
12. ☐ Information Disclosure Statement & PTO-1449
☐ Copies of IDS Citation(s)
13. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form
PTO/SB/35 or its equivalent
14. ☒ Return Postcard
15. ☐
16. ☐
17. ☐

ADDRESS TO:Box Patent Application
Commissioner for Patents
Washington, DC 20231**18. If a CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/634,927Prior application information: Examiner: Thuan V. Do Group/Art Unit: 2825**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**☒ Customer Number and Bar Code
Label

00758

Name (Print/Type)	Neil F. Valore	Registration No. (Attorney/Agent)	42,833
Signature		Date	December 28, 2001

0002/PTO(modified) Rev. 10/2000 <div style="text-align: center;">FEE TRANSMITTAL</div> <div style="text-align: center;">TOTAL AMOUNT OF PAYMENT</div> Subtotal (1) + Subtotal (2) + Subtotal (3) = (\$ 370.00)	<div style="text-align: center;">Complete if Known</div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>NEW</td></tr> <tr><td>Filing Date</td><td>HEREWITH</td></tr> <tr><td>First Named Inventor</td><td>Tommy K. Eng</td></tr> <tr><td>Group Art Unit</td><td>2825</td></tr> <tr><td>Examiner Name</td><td>Thuan V. Do</td></tr> <tr><td>Attorney Docket Number</td><td>21192-06625</td></tr> </table>	Application Number	NEW	Filing Date	HEREWITH	First Named Inventor	Tommy K. Eng	Group Art Unit	2825	Examiner Name	Thuan V. Do	Attorney Docket Number	21192-06625
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METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																						
1. The Commissioner is hereby authorized to: <input type="checkbox"/> Charge the indicated fees to the below mentioned deposit account. <input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. [†] <input checked="" type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27 Deposit Account Number: 19-2555 Deposit Account Name: FENWICK & WEST LLP A Duplicate Copy of this authorization is attached 2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Other	3. 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* Subtract the greater number of Col. 2

** If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

SUBMITTED BY Typed or Printed Name <u>Ne F. Maloney</u> Signature		Complete (if applicable) Reg. Number 42,833 Date December 23, 2001	
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